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Nucleotide Alignment of Human eIF5A1 (ACC. NM 001970) and Human eIF5A2 (ACC. NM 020390)

eIF5a1	1	ATGGCAGATG	ACTTGGACTT	CGAGACAGGA	GATGCAGGGG	CCTCAGCCAC
eIF5a2	1	ATGGCAGACG	AAATTGATTT	CACTACTGGA	GATGCCGGGG	CTTCCAGCAC
eIF5a1	51	CTTCCCAATG	CAGTGCTCAG	CATTACGtAA	GAATGGCTTT	GTGGTGCTCA
eIF5a2	51	TTACCCCTATG	CAGTGCTCGG	CCTTGGCgAA	AAACGGCTTC	GTGGTGCTCA
eIF5a1	101	AAGGCCGGCC	ATGtAAGATC	GTCGAGATGT	CTACTTCGAA	GACTGGCAAG
eIF5a2	101	AAGGACGACC	ATGCAAAATA	GTGGAGATGT	CAACTTCCAA	AACTGGAAAG
eIF5a1	151	CACGGCCACG	CCAAGGTCCA	TCTGGTTGGT	ATTGACATCT	TtACTGGGAA
eIF5a2	151	CAtGGTCATG	CCAAGGTTCA	CCTTGTGGGA	ATTGATATTT	TcACGGGGCAA
eIF5a1	201	GAAATATGAA	GATATCTGCC	CGTCAACTCA	tAATATGGAT	GTCCCCAACA
eIF5a2	201	AAATATAGAA	GATATTtGTC	CTTCTACTCA	CAACATGGAT	GTTCCAAATA
eIF5a1	251	TCAAAAGGAA	TGACTtcCAG	CTGATTGGCA	TCCAGGATGG	GTACCTATCA
eIF5a2	251	TTAAGAGAAA	TGATTatCAA	CTGATATGCA	TTCAGATGG	TTACCTTTCC
eIF5a1	301	CTGCTccagG	ACAGCGGGGA	GGTACGAGAG	GACCTTCGTC	TcCCTGAGGG
eIF5a2	301	CTGCTgacaG	AAACTGGTGA	AGTTCGTGAG	GATCTTAAAC	TgCCAGAAGG
eIF5a1	351	AGACCTTGGC	AAGGAGATTG	AGcagAAAGTA	CGACTGTGGA	GAAGAGATCC
eIF5a2	351	TGAACTAGGC	AAAGAAATAG	AGggaAAATA	CAATGCAGGT	GAAGATGTAC
eIF5a1	401	TGATCACGGT	GCTGTcTGCC	ATGACAGAGG	AGGCAGCTGT	TGCAATCAAG
eIF5a2	401	AGGTGTCTGT	CATGTgTGCA	ATGAGTGAAG	AAATATGCTGT	AGCCATAAAA
eIF5a1	451	GCCatgGCAA	AATAa			
eIF5a2	451	CCct--GCAA	ATAA-			

FIG.59A

Amino Acid Alignment of Human eIF5A1 (ACC. NM_001970) and Human eIF5A2 (ACC. NM_020390)

eIF5a1		MADDLDFETG	DAGASATFPM	QCSALRKNGF	VVLKGwPCKI	VEMSASKTGK
eIF5a2	1	MADEIDFTTG	DAGASSTYPM	QCSALRKNGF	VVLKGrPCKI	VMSTSKTGK
eIf5a1	51	HGHAKVHLVG	IDIFTGKKYE	DICPSTHNMD	VPNIKRNDYQ	LIGIQDG YLS
eIF5a2	51	HGHAKVHLVG	IDIFTGKKYE	DICPSTHNMD	VPNIKRNDYQ	LICIQDG YLS
eIf5a1	101	LLQDSGEVPE	DLRLPEGDLG	KEIEQKYDCG	EEILITLLSA	MTEEA A VAIK
eIF5a2	101	LLTETGEVRE	DLKLPEGELG	KEIEGKYNAG	EDVQVSV MCA	MSEY A VAIK
eIf5a1	151	amak				
eIF5a2	151	pck-				

FIG.59B